

Crop Weather Report



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Weather Summary

The week ending March 31 was marked by warm days, cold nights, and little precipitation for much of Montana. Swan Lake received the highest amount of precipitation for the week with 0.24 of an inch of moisture. Most other stations reported receiving little to no precipitation. High temperatures ranged from the lower 40s to lower 70s, with the state-wide high temperature of 71 degrees recorded at Superior. A majority of stations reported lows well below zero to the upper teens, the coldest being Scobey at -22 degrees, followed by Ophiem with -19 degrees.

The weather outlook for April 8th through April 14th is for above normal temperatures and above normal precipitation both east and west of the Great Divide. Normal temperatures for this period in Montana are highs in the lower 40s to mid 50s, with lows in the upper teens to the lower 30s. Topsoil moisture adequate and surplus is 60 percent compared with 54 percent last year and the 5 year average of 69 percent. Subsoil moisture was 47 percent adequate and surplus compared to 50 percent last year and the 5 year average of 61 percent.

Field Work Table	This Week	Last Week	Last Year	5 Yr Avg					
Days Suitable for Field Work									
Days	3.0	na	4.5	na					
Field Tillage Work in Progress									
None	83	na	56	na					
Just Started	13	na	31	na					
Well Underway	4	na	13	na					

Livestock Report

Early spring grazing conditions are 59 percent open, below last year's 85 percent but right at the 5 year average of 59 percent. The need to provide supplemental feed continues as pasture grasses have not yet started growing. Feeding is higher than the previous year with 95 percent of cattle and 96 percent of sheep being fed. Livestock birthing has continued just behind last year with 51 percent calving completed and 33 percent lambing completed.

Range & Livestock Table	This Week	Last Week	Last Year	5 Yr Avg					
Livestock Birthing									
Calving Complete	51	38	52	53					
Lambing Complete	33	24	34	37					
Livestock Grazing									
Open	59	50	85	59					
Difficult	21	23	5	22					
Closed	20	27	10	19					
Livestock Receiving Sup	plementa	l Feed							
Cattle and Calves	95	95	87	92					
Sheep and Lams	96	97	85	92					
Range and Pasture Feed Condition									
Very Poor	28	na	3	na					
Poor	35	na	19	na					
Fair	28	na	45	na					
Good	9	na	31	na					
Excellent	0	na	2	na					

Soil Moisture Table	This Week			5 Yr Avg	
Topsoil Moisture					
Very Short	18	16	13	10	
Short	22	23	33	21	
Adequate	57	57	53	59	
Surplus	3	4	1	10	
Subsoil Moisture					
Very Short	25	22	10	12	
Short	28	34	40	27	
Adequate	47	43	46	56	
Surplus	0	1	4	5	

Field Crops Report

Winter wheat condition is rated 50 percent good to excellent, compared to 24 percent good to excellent from last year and the 5 year average of 44 percent good to excellent as dry conditions continued and precipitation was minimal throughout most of the state. Winter wheat is showing signs of spring with 30% of greening, 12% green & growing, and 58% remains dormant as nights remained cold. Field work has just begun with 13 percent just started and 4 percent well underway compared to 27 percent and 11 percent, respectively, last year. Days suitable for field work were 3.0 days compared to 4.5 days last year. Planting of small grains is off to an early start with 11 percent of barley planted compared to 6 percent last year and the 5 year average of 2 percent. Oats are 1 percent planted slightly behind the 3 percent planted at the same last year. Spring wheat planting is 1 percent complete behind 4 percent last year but at the same pace as the 5 year average of 1 percent. Reports are coming in with concerns that continued dry and cold conditions will impact crop growth this year if the state doesn't receive adequate precipitation soon.

Crop Progress and Condition Table	This Week	Last Week	Last Year	5 Yr Avg					
Winter Wheat									
Very Poor	1	3	3	2					
Poor	11	10	13	7					
Fair	38	43	60	47					
Good	46	40	22	40					
Excellent	4	4	2	4					
Winter Wheat Spring	Winter Wheat Spring Stages								
Still Dormant	58	71	43	66					
Greening	30	26	43	28					
Green & Growing	12	12 3		6					
Barley									
Planted	11	na	6	2					
Oats									
Planted	1	na	3	1					
Spring Wheat									
Planted	1	na	4	1					

Weather Information for the week ending 03/31/2013

	Tanana sakura CDDa				Precipitation This Week October 1 to Date					
Station ID	Hi	emperature LOW	e AVG	GDD B50	s DFN	Total	/eek DFN	Total	DFN D	ate %NRM
NORTHWEST Alberton	62	15	41	0	+0	0.01	-0.20	9.03	+3.29	157
Anaconda	61	12	41	0	+0	0.00	-0.28	4.65	+0.54	113
Clinton Corvallis	64 67	15 15	43 43	0 0	+0 +0	0.08 0.03	-0.09 -0.17	7.10 5.18	-0.27 +0.94	96 122
Creston	65	16	41	0	+0	0.06	-0.29	7.55	-0.65	92
Deer Lodge Drummond	60 62	9 14	37 42	0 0	+0 +0	0.03 0.00	-0.07 -0.21	1.99 5.51	-0.42 +1.20	83 128
Hamilton	64	16	42	0	+0	0.09	-0.12	6.39	+0.51	109
Kalispell	61 62	15 17	39	0	+0	0.23	+0.02	7.48	-0.33	96
Missoula Olney	58	5	43 33	0 0	+0 +0	0.06 0.13	-0.15 -0.15	6.52 12.72	+0.78 +0.89	114 108
Polson	64	15	41	0	+0	0.00	-0.28	5.68	-0.74	88
St Ignatius Seeley Lake	65 57	16 3	44 36	0 0	+0 +0	0.01 0.02	-0.27 -0.23	4.81 12.60	-1.38 +1.06	78 109
Sula	64	15	42	0	+0	0.04	-0.23	6.65	+0.80	114
Superior Swan Lake	71 60	18 13	45 37	0 0	+0 +0	0.03 0.24	-0.25 -0.14	9.33 8.15	+1.04 -7.99	113 50
Thompson Falls	70	21	43	0	+0	0.07	-0.28	11.67	-1.85	86
West Glacier NORTH CENTRAL	62	14	40	0	+0	0.04	-0.33	19.38	+3.76	124
Chester	64	13	37	0	+0	0.00	-0.14	4.29	+2.01	188
Chinook	61	7	35	0	+0	0.00	-0.14	3.40	+0.36	112
Choteau Cut Bank	62 59	8 13	40 39	0 0	+0 +0	0.00 0.00	-0.10 -0.14	3.13 2.60	+1.37 +0.18	178 107
Ft Assinniboine	60	12	36	0	+0	0.00	-0.18	3.44	+0.24	107
Fort Benton Goldbutte	63 59	11 11	38 37	0 0	+0 +0	0.00 0.00	-0.21 -0.21	4.26 4.08	+0.62 +0.97	117 131
Harlem	60	7	35	0	+0	0.00	-0.14	3.81	+1.43	160
Havre Malta	61 59	14	38 36	0 0	+0 +0	0.00 0.00	-0.17 -0.14	4.68 3.90	+1.58 +0.97	151 133
Rudyard	64	9 9 8	38	0	+0	0.00	-0.11	4.21	+2.39	231
Shelby	62 52	8 7	38	0	+0	0.00	-0.19	3.42	+0.48	116
Turner Valier	52 58	7 14	33 40	0 0	+0 +0	0.00 0.00	-0.07 -0.14	3.42 3.42	+1.19 +1.27	153 159
NORTHEAST				0	. 0					
Bredette Culbertson	41 45	-3 -17	21 21	0 0	+0 +0	0.08 0.09	-0.06 -0.05	4.40 5.47	+2.03 +2.82	186 206
Glasgow	60	0	29	0	+0	0.01	-0.13	3.71	+1.17	146
Glendive Jordan	60 62	-2 8	33 36	0 0	+0 +0	0.00 0.00	-0.17 -0.14	4.21 3.59	+1.03 +0.30	132 109
Nashua	57	-9	28	0	+0	0.00	-0.14	3.94	+1.70	176
Opheim	43 46	-19 -14	19 17	0 0	+0 +0	0.00 0.11	-0.07 -0.03	10.41 5.20	+8.30 +2.47	493 190
Plentywood St Marie	53	-5	27	0	+0	0.11	-0.14	2.11	-0.43	83
Scobey	44	-22 -4	22	0	+0	0.00	-0.14	3.49	+1.25	156
Sidney Wolf Point	51 52	-4 -10	27 22	0 0	+0 +0	0.04 0.03	-0.10 -0.11	5.05 2.89	+1.65 +0.26	149 110
CENTRAL										
Cascade Grass Range	60 62	15 8	42 39	0 0	+0 +0	0.00 0.00	-0.21 -0.28	3.91 4.52	+0.60 +0.27	118 106
Great Falls	62	20	41	0	+0	0.00	-0.28	4.62	+0.24	105
Harlowton Helena	62 61	14 15	42 43	0 0	+0 +0	0.00 0.00	-0.21 -0.15	3.13 4.27	-0.02 +1.15	99 137
Lewistown	58	11	37	0	+0	0.00	-0.28	3.69	-1.55	70
Martinsdale Neihart	60 57	11 12	41 39	0 0	+0 +0	0.00 0.00	-0.21 -0.35	3.42 7.79	+0.29 +1.44	109 123
Rogers Pass	60	10	38	0	+0	0.00	-0.33	5.44	+0.56	111
Roundup	67 68	8 4	42 37	0 0	+0	0.00	-0.19 -0.19	2.90	-0.34	90 95
Ryegate Stanford	57	12	37 39	0	+0 +0	0.00 0.00	-0.19 -0.28	3.01 4.13	-0.15 -0.30	93
Townsend	59	9 5	40	0	+0	0.00	-0.14	1.69	-0.78	68
Valentine Wht Sulphur Spr	62 56	5 9	36 37	0 0	+0 +0	0.00 0.00	-0.19 -0.21	3.42 1.60	+0.03 -1.97	101 45
SOUTHWEST										
Boulder Bozeman	58 58	7 13	37 40	0 0	+0 +0	0.00 0.07	-0.14 -0.29	2.52 5.10	-0.27 -1.31	90 80
Butte	54	9	36	0	+0	0.03	-0.18	2.49	-1.25	67
Dillon Ennis	59 61	14 10	40 38	0 0	+0 +0	0.00 0.04	-0.14 -0.18	1.61 3.57	-0.59 -0.29	73 92
Lakeview	60	5	37	0	+0	0.04	-0.35	4.39	-2.50	64
W Yellowstone Wisdom	51 63	0 -10	29 32	0 0	+0 +0	0.00 0.00	-0.38 -0.19	10.50 4.96	-0.57 +1.00	95 125
SOUTH CENTRAL					-					
Billings	63	12	42 29	5	+5 +0	0.01	-0.29	3.49	-1.68	68
Cooke City Gardiner	49 63	2 8 7	40	0 0	+0 +0	0.03 0.00	-0.39 -0.14	8.26 3.10	-3.72 -0.05	69 98
Hardin	66		41	0	+0	0.00	-0.21	5.89	+1.93	149
Huntley Hysham	68 63	4 7	38 41	0 0	+0 +0	0.00 0.00	-0.28 -0.21	2.48 3.20	-1.86 -0.68	57 82
Joliet	66		36	0	+0	0.03	-0.32	2.30	-3.21	42
Livingston Nye	64 59	3 6 5 2	40 40	1 0	+1 +0	0.00 0.15	-0.24 -0.18	4.25 4.52	-0.19 -0.65	96 87
Rapelje	62	2	40	0	+0	0.00	-0.18	1.74	-0.03 -2.91	37
SOUTHEAST	G.E.		22		. 0	0.00		0.51		10
Albion Baker	65 61	4 6	33 32	0 0	+0 +0	0.00 0.02	-0.19 -0.19	0.51 3.34	-2.37 -0.65	18 84
Broadus	62	1	37	0	+0	0.00	-0.26	2.72	-1.36	67
Ekalaka Miles City	59 67	-8 7	35 39	0 0	+0 +0	0.00 0.00	-0.26 -0.20	4.35 2.52	-0.47 -0.98	90 72
Plevna	61	-2	33	Ö	+0	0.00	-0.21	3.85	-0.11	97
Compiled by AWIS Inc. bas	ed on NV	VS data. D	FN-Dep	arture from	norma	1971-2000	. GDD-G	rowing degre	ee days	